

## Remarks

In response to the Office Action mailed September 16, 2008 applicants request entry of the foregoing amendments, consideration of the following remarks and reconsideration of the rejections set forth in said office action.

The present invention is directed toward a heat transfer composition suitable as a replacement for R-22 in systems such as refrigeration systems, air conditioning systems and heat pumps. The heat transfer composition of the present invention is compatible with mineral oils or alkylbenzene oils used in system operating with R-22. The heat transfer composition of the present invention consists essentially of from about 15 to 25 weight % R-32, from about 25 to 35 weight % R-125, from 35 to 50 weight % R-134a and from 10 to 15 weight % R-143a. As shown in the examples of the present application the combination of the present invention provides unexpectedly improved performance values, improved oil return and higher maximum oil levels over prior art heat transfer compositions.

Applicants gratefully acknowledge the examiners indication of the allowable subject matter as supported by the unexpected results demonstrated for the currently claimed compositions. However, the examiners comments on the showing in Tables 1-4, failed to take in to account the showing of example 6. Example 6 sets forth a showing of the unexpected advantage of a combination of composition consisting of 15% by weight of R-32, 25% by weight of R-125, 50% by weight of R-134a and 10% by weight of R-143a. Claim 1 has been amended to include the ranges of components as set forth in Tables 1-4 and example 6 of the application. Applicants submit that the amendments are support by the original specification and do not constitute the addition of new matter. In view of the amendment of claim 1 and cancellation of claim 2, applicants submit that claims 1 and 3-9 are in condition for allowance.

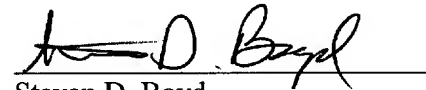
Claims 1-4 were rejected under 35 USC 103(a) as being unpatentable over Corr (EP536940). Applicants submit that Corr '940 fails to render obvious the invention as presently claimed. Applicants submit that the data in the examples of the present application show the surprising and unexpected results provide by the presently claim compositions, which are neither anticipated nor render obvious by the teaching of Corr '940. Applicants submit that in view of the amendments to claim1, the rejection should be withdrawn.

Claims 1-9 were rejected under 35 USC 103(a) as being unpatentable over Corr (EP 536940) further in view of Thomas (US 2006/0234896). Applicants submit the neither Corr '940 nor Thomas '896 singly or in combination renders obvious the invention as presently claimed. Applicants submit that in view of the amendments to claim1, the rejection should be withdrawn.

Applicants submit that in view of the foregoing amendment and remarks, claims 1, and 3-9, are in condition for allowance and prompt favorable action is solicited.

Respectfully submitted,

Date: December 15, 2008

A handwritten signature in black ink, appearing to read "S. D. Boyd", is written over a horizontal line.

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